

10/538,085

BEST AVAILABLE COPY

1-15. (CANCELED)

16. (CURRENTLY AMENDED) A rotary cultivator (10) comprising an elongate tubular handle member (12), a cultivator tool (14) rotatably mounted at one end of the handle member (12) and an electric motor drive unit (16) mounted at the other end of the handle member (12), the handle member (12) being curved adjacent the end to which the cultivator tool (14) is mounted, a flexible drive element (22) extending within the tubular handle member (12), the flexible drive element (22) being connected directly at one end to the electric motor drive unit (16) and at the other end to the cultivator tool (14), the cultivator tool (14) comprises a circular flange formation (50) with cylindrical tine formations (56) being provided at angularly spaced locations about an outer periphery of the flange formation (50), and the tine formations (56) being angled inwardly from the periphery of the flange formation (50) towards an axis of rotation of the flange formation (50).

17. (PREVIOUSLY PRESENTED) The rotary cultivator (10) according to claim 16, wherein the electric motor drive unit (16) is provided in the form of a dedicated drive unit secured to the upper end of the handle member (12).

18. (CURRENTLY AMENDED) The rotary cultivator (10) according to claim 16, wherein the electric motor drive unit (16) is provided in the form of a portable drill (66) ~~or like appliance.~~

19. (CURRENTLY AMENDED) The rotary cultivator (10) according to claim 18, wherein ~~[[that]]~~ an attachment means (70) is provided at the upper end of the handle member (12) for securing a drill (66) ~~or like appliance~~ to the handle member (12).

20. (CURRENTLY AMENDED) The rotary cultivator (10) according to claim 19, wherein means (78, 80) is provided for clamping the drill (66) ~~or like appliance~~ to the attachment means (70).

21. (CURRENTLY AMENDED) The rotary cultivator (10) according to claim 16, wherein the drill (60) ~~or like appliance~~ is connected to the flexible drive (22) ~~by means of a drive member (60), and the drive member (60) has a socket formation (64) for engagement of a drive formation (26) on the flexible drive (22).~~

22. (PREVIOUSLY PRESENTED) The rotary cultivator (10) according to claim 16, wherein the electric motor drive unit (16) is powered by batteries (96).

5/25/06 1:17 PM

- 2 -

BEST AVAILABLE COPY

10/538,085

23. (PREVIOUSLY PRESENTED) The rotary cultivator (10) according to claim 16, wherein the electric motor drive unit (16) is powered from a mains supply.

24. (PREVIOUSLY PRESENTED) The rotary cultivator (10) according to claim 16, wherein the electric motor drive unit (16) is connected to the flexible drive (22) by a torque limiting clutch.

25-27. (CANCELED)

28. (CURRENTLY AMENDED) The rotary cultivator (10) according to claim 16, wherein the cultivator tool (14) is connected to the flexible drive (22) by an arbor (34), and the arbor (34) has a socket formation (40) for engagement of a drive formation (24) on the flexible drive (22) and being rotatably mounted in a bush unit (30) secured to the lower end of the handle member (12).

29. (CURRENTLY AMENDED) The rotary cultivator (12) according to claim 16, wherein the handle member (12) is formed from a plurality of sections (18), and the plurality of sections (18) are releasably interconnected by sleeve members (20) which engage the ends of adjacent sections (18).

30. (PREVIOUSLY PRESENTED) The rotary cultivator according to claim 29, wherein the sleeve members (20) act as guides and bearings for the flexible drive element (22).

31. (NEW) A rotary cultivator (10) comprising an elongate tubular handle member (12), a cultivator tool (14) rotatably mounted at one end of the handle member (12) and an electric motor drive unit (16) mounted at the other end of the handle member (12), the handle member (12) being curved adjacent the end to which the cultivator tool (14) is mounted, a flexible drive element (22) extending within the tubular handle member (12), the flexible drive element (22) being connected directly at one end to the electric motor drive unit (16) and at the other end to the cultivator tool (14), the cultivator tool (14) comprises a circular flange formation (50) with a plurality of cylindrical tine formations (56) being provided at spaced angular locations about an outer periphery of the flange formation (50), each of the plurality of cylindrical tine formations (56) being bent inwardly from the periphery of the flange formation (50) toward an axis of rotation of the flange formation (50), and the circular flange formation (50) and the plurality of cylindrical tine formations (56) forming a continuous undulating

6/25/06 -1117 PM

- 3 -

BEST AVAILABLE COPY

10/538,085

tilling edge with a free end of each of the plurality of cylindrical tine formations (56) forming a rounded tilling edge, comprising a portion of the continuous undulating tilling edge.

32. (NEW) A rotary cultivator (10) comprising an elongate tubular handle member (12), a cultivator tool (14) rotatably mounted at one end of the handle member (12) and an electric motor drive unit (16) mounted at the other end of the handle member (12), the handle member (12) being curved adjacent the end to which the cultivator tool (14) is mounted, a flexible drive element (22) extending within the tubular handle member (12), the flexible drive element (22) being connected directly at one end to the electric motor drive unit (16) and at the other end to the cultivator tool (14), the cultivator tool (14) comprises a circular flange formation (50) with a plurality of cylindrical tine formations (56) being provided at spaced angular locations about an outer periphery of the flange formation (50), each of the plurality of cylindrical tine formations (56) being bent inwardly from the periphery of the flange formation (50) toward an axis of rotation of the flange formation (50), the circular flange formation (50) and the plurality of cylindrical tine formations (56) forming a continuous undulating tilling edge with a free end of each of the plurality of cylindrical tine formations (56) forming a rounded tilling edge, comprising a portion of the continuous undulating tilling edge, and opposed sides of each of the cylindrical tine formations (56) forming curved side tilling edges.

3/25/06 1:17 PM

- 4 -